

**Appendix I - DD Form 1922, DWMSTDP Input Coding and Instructions**

**Figure 11 - Baseline Input Coding and Interface Row**

SECTION OF INVESTIGATIVE

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APPENDIX I

INSTRUCTIONS FOR PREPARING DWMSTD INPUT CODING ON DD FORM 1922

1. This appendix describes the detail entries required to prepare DD Form 1922 for input of data elements to the DWMSTDP data bank.
2. All references to paragraph numbers and figures apply to DoD Manual 5010.15.1-M, Basic Volumes, Chapter 2, unless otherwise specified.
3. The Fields and positions are identified on DD Form 1922.

<u>Field Legend</u>	<u>Position/ Column</u>	<u>Explanation/Instruction</u>
A. Data Source Code	1-3	Enter appropriate code from para. 2.2.1 (a) - Left justify, leave remaining positions blank
B. Occupation Code	4-6	Enter appropriate code from para. 2.2.1 (b) and supplement 1. Enter U Code (if appropriate) in position 4, leave 5 and 6 blank
C. Quality Code	7-9	Enter appropriate codes from para. 2.2.1c (1) (2) and (3) - Fill all positions
D. Element Source Code	10-16	Enter code or identifier assigned the element by your organization for local use and identification.
E. Data Element Code	17-23	(Ref. para. 2.2.1e.)
Level of Data	(17)	Enter code from para. 2.2.1e(1), See Ex. Fig. 10
*Work Category	(18-19)	Enter code from supplement 2, Basic Volume (see para. 2.2.1e (2))
Case Identifier	(22-23)	Enter case identifier as directed in para. 2.2.1e (4) and (5)

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\*Note 1 - Where there is no established code in supplement 1, develop a definition and code in accordance with para. 2.2.1a (2) and submit with the element.

4. The above entries are identified as the HEADER LINE.

5. Line Number - The column headed: LINE NO. is used to sequentially number each line starting in the first block with the Number 1.

F. ADP Code	24-26	Leave Blank
G. Time Measurement Unit Value	27-34	
1) Single	27-34	Enter the Time Value of the element in these positions on line 1 when the element has a single Time Value. Time is in TMUs. Left justify and leave remaining positions blank (para.2.3)(See Ex.Fig.18)
2) Multi-Case	27-34	Enter the word VARIABLE on Line 1 when the element has more than one Case, all with a Time Value or when the element is in a Job Level format. (See Ex. Fig. 19, 22)
3) Tabular Format	27-31	Enter the word TABLE on Line 1 when the element has multi-time values that are to be displayed in a tabular format. (See Ex. Fig. 20, 21)
	32-34	Leave Blank
4) CON/VAR	27-33	Enter the words CON/VAR on Line 1 if element consists of a combination of constant times cases and variable cases (para.2.2.1e (5) See Ex. Fig. 23)
	34	Leave Blank
H. Element/Operation Description	35-80	(para. 2.4)
Element Title	(35-80)	Enter element title-use as many lines as required for title-start each line in position 35.

Starting Point of Element	(35-41)	Enter word STARTS - on first line after title
(Same Line)	(42-80)	Enter description of the element starting point
Next Lines	(35-80)	Continue description of starting point. Use as many lines as required
Word Included-1st Line After STARTS Description	(35-43)	Enter work INCLUDES
Same Line	(44-80)	Enter description of all the work pertinent to the adequate identification of the work contents of the element
Next Line	(35-80)	Continue description - Use as many lines as required to enter an adequate description - Start each line after 1st in position 35
Ending of Element (1st line after finish of INCLUDES-description (next lines)	35-39 (40-80) (35-80)	Enter word ENDS  Continue first line of ending description. Enter additional ending description - use as many lines as required - start each line after 1st ENDS-line in position 35
Conditions (use only if special condition not covered by the INCLUDES-Section are required)	(35-45)	Enter word CONDITIONS - (on 1st line after finish of ending description)
(Same Line)	(46-80)	Continue listing of CONDITIONS, use as many lines as required to complete listing of CONDITION-Start each line after 1st CONDITION line in position 35

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6. The following entries are made when the word VARIABLE is entered in positions 27-34, Line 1.

Time Measurement Unit	27-34	Enter TMU Value of 1st
Value		Case-Left justify and
(1st Line after completion of ENDS description or CONDITIONS (if used))		leave remaining blank
Case Identification	35-38	Enter the word CASE on same line-only entered for 1st Case
Same Line	39	Leave Blank
Case No (same line)	40-41	Enter #1
Same Line	42	Leave Blank
Case Description	43-80	Enter a description of Case on same line-continue description on next line and as many additional lines as needed. Start each additional line of Case Description in position 43

7. Case Identification-additional Cases - after last Line of description for Case #1 repeat the procedure; for Case #2 - enter the Case Number (#2) in positions 40-41 followed by the Case Description for that Case in position 43-80 as in the entries for Case #1 above. Repeat for each additional Case, numbering each Case in sequence (#3., #4., etc.)

8. The following entries are made when the word CON/VAR was entered in position 27-34, Line 1 - these entries start on the 1st Line after the completion of the ENDS or CONDITIONS description.

Time Measurement Unit	27-34	Enter the TMU value for
Value		the Constant Time Case of the Element (para. 2.2.1e (5)) Left justify and leave remaining positions blank.
Case Identification	35-42	
	(35-38)	Enter word CASE on same line as TMU Value
	(39)	Leave Blank

Case No.	(40)	Enter Case Identification No. (para. 2.2.1e (5) - numeric for Constant Time Case (same line as TMU Value for Case 1)
Element Identification	(41)	Enter a dash (-)
Case Description	(42)	Enter Element Identification indicator from position 23, Field E (DEC) (para. 2.2.1e (5))
	(43)	Leave Blank
Case Description	44-80	Enter description of Case - Use as many lines as needed - Start each Line in position 44
9. Repeat procedure from entry of Time Measurement Unit Value (position 27-34) for each additional Constant Time Case - leave position 35-38 blank for all except 1st Case. Enter sequential Case No. in position 40 (2,3,4, etc.) for each additional case.		
<b>VARIABLE Time Cases - CON/VAR Elements</b>		
Time Measurement Unit Value - (1st Line after last Line of Constant Time Case Description)	27-34	Leave blank for Variable Case
Case Identification		
(Variable Cases)	35-43	
(Same Line as above)	(35-39)	Leave Blank
(Same Line)	(40)	Enter Variable Case Identification - A (Alpha required (para. 2.2.1e (5)))
	(41)	Enter a dash (-)
Element Identifier	(42)	Enter same character as in position 42 above, (from position 23, Field E, (DEC))

	(43)	Leave Blank
Case Description	44-80	Enter Variable Case description - follow Field 42 entry above (same line) use as many lines as needed - start each line in position 44
10.	Repeat the above procedure for each additional Variable Case for the Element. Case identifier(s) in position 40 are entered in sequence (A,B,C,D,etc) for each Case.	
11.	It the Element has been identified on Line 1, position 27 to 34 as tabular, the Element Description will be completed as above for Variable Elements, however, the Time Values will be formatted following the description in a manner designed to give the best visibility. (See Example, Figures 20,21)	
12.	Elements at the Job (J) Level to be used as an "application sheet" for Standard Development (para. 2.2.1e (6) and Appendix 1, Figure 22) are coded as follows:	
Time Measurement Unit Value (Line 1)	27-34	Enter the word VARIABLE
Element Title (Line 1)	35-80	Enter element title - Use as many lines as required - Start each Line in position 35 (para.2.4)
Part Identification	35-80	
(Start on 2nd Line after title)	35-49	Enter Words - PART I ELEMENTS
Elements	40-80	
(Start on 2nd Line after PART I)	(40)	Enter A
Same Line	(41)	Leave Blank
Same Line	(42)	Enter Title of 1st Element (Use as many Lines as needed and include DWMSTD (DEC) Code) - Start each Line in position 42

List all Elements (Standards) used in alphabetical sequence (A,B,C,etc) in position 40, skip 1 Line between each new Element.

Frequencies/Occurrences	35-80	Start on 2nd Line after last Element of PART I,
	35-64	Enter words, PART II - FREQUENCIES/OCCURRENCES
Element Indicator from PART I (A,B,C,etc)	(40)	Enter Alpha indicator in sequence following last entry in PART I on 2nd Line after entry in 35-64 above
Same Line	(41)	Leave Blank
Frequency/Occurrence Description	42-80	Enter description of 1st Frequency or Occurrence required
List all Frequencies/Occurrences required to compute the Standard in sequence (D,E,F, etc). Skip one Line to start each new Frequency/Occurrence listed.		
Normal Time (Start on 2nd Line after end of PART II)	35-54	Enter words PART III - NORMAL TIME
Elements for which NORMAL Time desired	(40)	Enter next sequential Alpha following PART II (G,H,I, etc) on same Line as PART III
Same Line	(41)	Leave Blank
Normal Time Identification (Same Line)	42-80	Enter identification of Element for which Normal Time is to be developed - Use as many Lines as needed - Start each Line in position 42
Next Line	(44)	Enter Alpha indicating Element in PART I that corresponds to Element for which Normal Time is required

Skip one Line and repeat for each Normal Time Required.

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PF&D	35-42	Enter the word PART IV followed by the statement shown in Appendix I, Example 22
Skip 1 Line after Statement	(40)	Enter next Alpha in sequence following last entry Part III
Same Line	(41)	Leave Blank
Same Line	(42-62)	Enter the words - ALLOWANCE FACTOR (AF)
Standard Time (Skip 1 Line after last entry, Part IV)	35-54	Enter the words-PART V STANDARD TIME
Skip 1 Line	(40)	Enter next Alpha in sequence following Part IV
Same Line	(41)	Leave Blank
Same Line	(42-80)	Enter description of Element for which a Standard Time is desired
Next Line	(44)	Enter Alpha(s) indicating Element of Part III for which Standard Time is to be computed
Same Line	(45)	Enter a paren (( ))
	(46)	Enter Alpha from Part II indicating Frequency or Occurrence to multiply by to compute Std. Time
Skip 1 Line and repeat for each Standard Time required.		
Part VI (skip 1 Line after end of Part V)	35-42	Enter the word PART VI
	43-80	Enter statement from Part VI, Appendix 1, Example 22

EDITION OF 1 SEPTEMBER 1993 OMBOLATE

for Single Case Element

PAGE 1 or 1

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DEFENSE WORK MEASUREMENT STANDARD TIME DATA INPUT CODING																						
A. DATA SOURCE CODE	B. OCCUPATION CODE	C. QUALITY CODE	D. ELEMENT SOURCE CODE	E. DATA ELEMENT CODE (DEC.)																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
N	S	2	0	6	M	A	L	C	I	D	I	A		M	F	L	C	S	X	X		
LINE NO.	ADP CODE	G. TIME MEASUREMENT UNIT VALUE		DESCRIPTION OF ELEMENT/OPERATION																		
1				1. VARIABLE CARDS, SORTED BY HAND (PER CARD)																		
2				2. STARTS - BATCH OF CARDS IN HAND																		
3				3. INCLUDES - SEPARATING TOP CARD, IDENTIFYING,																		
4				MOVING AND RELEASING TWO CARDS IN CORRECT PILE																		
5				ENDS - RELEASE OF ONE CARD ON CORRECT PILE																		
6				CONDITIONS - NUMBER OF CARDS ARE NUMBER OF PILES,																		
7				CONDITIONS - NUMBER OF PILES ARE NUMBER OF PILES,																		
8	22			DIFFICULTY - IDENTIFYING HANLING EASE																		
9				CASE OF - NUMBER OF PILES 2-4, QUICK (NUMERIC)																		
10				DECISION AS TO PILES, NO TENDENCY TO STICK TOGETHER																		
11	2.8			12 SAME CONDITIONS AS CASES 6/ EXCEPT																		
12				CARDS FREQUENTLY STICK TOGETHER																		
13	4.3			13 SAME CONDITIONS AS CASES 6/ EXCEPT																		
14				DECISION AS TO PILES ACCORDING READINGS																		
15				15 2-3 WORDS																		
16	3.3			16 NUMBER OF PILES 5-12, QUICK (NUMERIC)																		
17				DECISION AS TO PILES																		
CODED BY (Initials & Date)												SCREENED BY (Initials and Date)		REASON FOR REJECTION CODE								
A-I-14												5/23/77		ACCEPTED <input checked="" type="checkbox"/> REJECTED <input type="checkbox"/>								

DD FORM 1 SEP 73 OBSOLETE

EDITION OF 1 SEP 73 IS OBSOLETE

Figure 19 - Example of Completed DD Form 1922, for Variable Case Element

PAGE 1 or 2

**Figure 19 - Example of Completed DD Form 1922, for Variable Case Element (Continued)**

DD FORM 1 APR 77 1922

EDITION OF 15 SEPTEMBER 1981

Figure 20 - Example of Completed DD Form 1922.

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DEFENSE WORK WE ASUREMENT STANDARD TIME DATA INPUT CODING

DEFENSE WORK MEASUREMENT STANDARD TIME DATA INPUT CODING																																																											
A.	B.	C.	D.	E.																																																							
DATA SOURCE CODE	OCCUPATION CODE	QUALITY CODE	ELEMENT FUNC IND	ELEMENT SOURCE CODE								DATA ELEMENT CODE (DEC.)																																															
1 2 3	4 5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23																																								
<i>F F</i>	<i>2 0 6 M A L T F C A X X T F L S H X X</i>																																																										
F. ADP CODE												DESCRIPTION OF ELEMENT OPERATION																																															
G. TIME MEASUREMENT UNIT VALUE																																																											
LINE NO.	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80		
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H. CHECK ONE												SCREENED BY (Initials and Date)												REASON FOR REJECTION CODE																																			
CODED BY (Initials and Date)												<i>P J P 3/15/77</i>												<i>REJECTED</i>																																			

EDITION OF 1 SEPTEMBER 73 IS SOLD OUT

Figure 20 - Example of a compound cell for a Tabular Element (Continued) PAGE 2 or 2

CODED BY (Institute and Date)

SCREENED BY *similes and puns*

MECCANICA

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P.F.H. 3

PTE

REJECTION CODE

DD FORM 1 APR 77 1922

EDITION OF 1 SEPTEMBER 1980 L273

Figure 21 - Example of Completed DD Form 1922, for Tabular Element

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FORM 77. 1922

EDITION OF 1,850 IN OCTOBER 1973

**Example of Completed DD Form 1922,**

A-I-21

DEFENSE WORK MEASUREMENT STANDARD TIME DATA INPUT CODING																							
A. DATA SOURCE CODE	B. OCCUPATION CODE	C. QUALITY CODE	D. ELEMENT SOURCE CODE	E. DATA ELEMENT CODE (DEC)																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
DL	9	2	1	7	U	L	S	R	-	4	6	K	R	C	C	U	X	4					
LINE NO.												DESCRIPTION OF ELEMENT OPERATION											
1 = = CON/STAR CAPRI(S(FLATCAR)), UNLOAD WHEELED VEHICLE WITH CRANE																							
2 = = I CRANE																							
3 A = STARTS-WITH CRANE IN POSITION READY TO UNLOAD																							
4 B = INCLUDES-ALL THE TIME NECESSARY TO UNLOAD A WHEELED VEHICLE CRANE, TO RECEIVE VEHICLE																							
5 B = 1																							
6 B = 2 TO STORAGE LOCATIONS PROCESS DOCUMENTS PER VEHICLE PERCENT																							
7 B = 3 VEHICLE PERCENT																							
8 C = ENDS-WITH CRANE TO UNLOAD POINT BY TWO VEHICLE PERCENT																							
9 C = 1																							
10 V = 2694 CASE 1-4 CONSTANT TIME-UNLOAD VEHICLE BY CRANE, PROCESS DOCUMENTS PER VEHICLE RECEIVED, MOUNT AND DISMOUNT RECEIVED VEHICLE, HOOK AND UNHOOK RECEIVED AND TRAVEL (2d PASSES) INCIDENT																							
11 V = 1																							
12 V = 2																							
13 V = 3																							
14 V = 4																							
15 V = 5																							
16 V = 6																							
17 V = 7																							
CODED BY (Initials and Date)												SCREENED BY (Initials and Date)											
RfW 3/15/77												PJP 3/15/77											
REASON FOR REJECTION CODE												CHECK ONE											
<input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Rejected																							

DD FORM 1 APR 77 1922

EDITION OF 1 SEP 73 IS OBSOLETE Figure 23 - Example of Completed DD Form 1922, for a PAGE 1 OF 2

REFINING WORK MEASUREMENT STANDARD TIME DATA INPUT CODING

DEFENSE WORK MEASUREMENT STANDARD TIME DATA INPUT CODING																																																																				
A	B	C	D	E. DATA ELEMENT CCCE DEC.																																																																
DATA SOURCE CCCE	CCCE	CCCE	ELEMENT SOURCE CODE																																																																	
SCCE	CODE	CODE	TECHNICAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21																																												
D1	9	2	/	T	U	L	S	R	-	H	/	K	R	C	C	U	X	4																																																		
DESCRIPTION OF ELEMENT OPERATION																																																																				
F	G	TIME MEASURED IN "UNIT VALUE"																																																																		
LINE	DP CODE																																																																			
1.C	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80											
18	V	=	8																																																																	
19	V	=	9																																																																	
20	V	1	/																																																																	
21	V	1	/																																																																	
22	V	1	2																																																																	
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